CLAIM AMENDMENTS

The following listing of claims replaces all prior versions and listings of claims in this application.

1.   (Canceled)

2.   (Currently Amended) A gateway comprising

a first port coupled to a first network;

a second port coupled to a second network;

processes implemented within the gateway for identifying at least one service provided by the first network that is not provided by the second network;

processes implemented within the gateway for implementing the at least one service on behalf of the second network;

processes implemented within the gateway for determining when the at least one service is implemented in the second network; and

processes implemented within the gateway for ceasing the ~~provision~~ implementation of the at least one service in favor of allowing the second network to provide the at least one service.

3.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a Fibre Channel network.

4.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises an Internet Protocol network.

5.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a storage area network (SAN).

6.   (Canceled)

7.   (Previously Presented) A gateway comprising

a first port coupled to a first network;

a second port coupled to a second network;

processes implemented within the gateway for identifying at least one service provided

by the first network that is not provided by the second network; and

processes implemented within the gateway for implementing the at least one service on behalf of the second network;

wherein the at least one service provided by the first network comprises a discovery service and the processes implemented within the gateway comprise a discovery service implemented on behalf of the second network.

8.   (Canceled)

9.   (Previously Presented) A gateway comprising

a first port coupled to a first network;

a second port coupled to a second network;

processes implemented within the gateway for identifying at least one service provided by the first network that is not provided by the second network; and

processes implemented within the gateway for implementing the at least one service on behalf of the second network;

wherein the at least one service provided by the first network is security service and the processes implemented within the gateway comprise a security service implemented on behalf of the second network.

10.   (Canceled)

11.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network;

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service;

determining when the at least one service is implemented in the second network; and

ceasing the implementation of the at least one service in the gateway in favor of allowing the second network to provide the at least one service.

12.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a Fibre Channel network.

13.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises an Internet Protocol network.

14.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a storage area network (SAN).

15.   (Canceled)

16.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network; and

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service; wherein

the at least one service provided by the first network comprises a discovery service; and

the act of implementing the at least one service in the gateway further comprises implementing a discovery service on behalf of the second network.

17.   (Canceled)

18.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network; and

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service; wherein

the at least one service provided by the first network is security service; and

the act of implementing the at least one service in the gateway comprises implementing a security service on behalf of the second network.

19.   (Canceled)

20.   (Previously Presented) The gateway of claim 7, wherein at least one of the first and second networks comprises a Fibre Channel network.

21.   (Previously Presented) The gateway of claim 7, wherein at least one of the first and second networks comprises an Internet Protocol network.

22.   (Previously Presented) The gateway of claim 7, wherein at least one of the first and second networks comprises a storage area network (SAN).

23.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a Fibre Channel network.

24.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises an Internet Protocol network.

25.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a storage area network (SAN).

26.   (Previously Presented) The method of claim 16, wherein at least one of the first and second networks comprises a Fibre Channel network.

27.   (Previously Presented) The method of claim 16, wherein at least one of the first and second networks comprises an Internet Protocol network.

28.   (Previously Presented) The method of claim 16, wherein at least one of the first and second networks comprises a storage area network (SAN).

29.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a Fibre Channel network.

30.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises an Internet Protocol network.

31.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a storage area network (SAN).